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## NOTICE OF ALLOWANCE AND FEE(S) DUE

020991

7590

02/08/2005

THE DIRECTV GROUP INC
PATENT DOCKET ADMINISTRATION RE/R11/A109
P O BOX 956
EL SEGUNDO, CA 90245-0956

EXAMINER		
DEAN DAVMONI	10	•

PAPER NUMBER

ART UNIT

**DATE MAILED: 02/08/2005** 

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/576,652	05/22/2000	Frank A. Hagen	PD-200029	3276

TITLE OF INVENTION: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	05/09/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

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IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Fee(s) Transmittal. This certificate cannot be used for any other according pages. Each additional paper, such as an assignment or formal drawn have its own certificate of mailing or transmission.  THE DIRECTV GROUP INC PATENT DOCKET ADMINISTRATION RE/R11/A109 PO BOX 956  EL SEGUNDO, CA 90245-0956  APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION 09/576,652 05/22/2000 Frank A. Hagen PD-200029 3276  TITLE OF INVENTION: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES  APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$0 \$1400 05/09/2005  EXAMINER ART UNIT CLASS-SUBCLASS  DEAN, RAYMOND S 2684 455-013100  1. Change of correspondence address or indication of "Fee Address" (37 CR 1.563).  - Change of correspondence address or change of Correspondence Address from PTO/SBI/22) statched.  - Change of correspondence address or change of Correspondence Address' Indication or "Fee Address" (17 or gams OR, alcramitvely, or gams OR		or <u>Fax</u>	(703) 746-4000			
Fee(s) Transmittal. This certificate each of the use of for any other according papers. Each additional paper, such as an assignment or formal drawin law its own certificate of mailing or transmission.  THE DIRECTV GROUP INC PATENT DOCKET ADMINISTRATION RE/R11/A109 P O BOX 956 EL SEGUNDO, CA 90245-0956  APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION 99/576,652 05/22/2000 Frank A. Hagen PD-200029 3276  TITLE OF INVENTION: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES  APPLN-TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$0 \$1400 05/09/2005  EXAMINER ART UNIT CLASS-SUBCLASS  DEAN, RAYMOND S 2684  ASSUGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.15. Completion of this form is NOT a substitute for filing an assignme is identified below, the document has been recordation as set for thin 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignme is identified below, the document has been recordation as set for thin 37 CFR 3.15. Completion of this form is NOT a substitute for filing an assignme is identified below, the document has been in recordation as set for thin 37 CFR 3.15. Completion of this form is NOT a substitute for filing an assignme is identified below, the document has been in recordation as set for thin 37 CFR 3.15. Completion of this form is NOT a substitute for filing an assignment of the fee(s) is enclosed.    Death of the proper of the patent of the fee(s) is enclosed.   Death of the colored of the patent of the fee(s) is enclosed.   Death of the colored of the patent of the colored of the colored of the patent of the fee(s) is enclosed.   Death of the colored of the patent of the colored of the patent of the colored of the colored of the	nate. All further correspondence including the Patent, advance of unless corrected below or directed otherwise in Block 1, by (	orders and notification	of maintenance fees v	vill be mailed to the current	correspondence address as	
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O9/576,652  O5/22/2000  Frank A. Hagen  PD-200029  3276  TITLE OF INVENTION: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES  APPLN. TYPE  SMALL ENTITY  ISSUE FEE  PUBLICATION FEE  TOTAL FEE(S) DUE  DATE DUE  nonprovisional  NO  \$1400  \$0  \$1400  O5/09/2005  EXAMINER  ART UNIT  CLASS-SUBCLASS  DEAN, RAYMOND S  2684  455-013100  1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  CRR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/122) attached.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent):    State Policy   Individual   Corporation or other private group entity   Gove					. (Signature)	
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1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent):  [B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent):  [C) the name of a single firm (having as a member a registered patent attorneys or agent) and the names of up to 2 registered patent attorneys or agents or agent and the names of up to 3 registered patent attorneys or agents or agent and the names of up to 2 registered patent attorneys or agent) and the names of up to 2 registered patent attorneys or agent agent) and the names of up to 2 registered patent attorneys or agents or agent agent) and the names of up to 3 registered patent attorneys or agents or agent agent) and the names of up to 2 registered patent attorneys or agents or agents or agents or agent) and the names of up to 3 registered patent attorneys or agents or agent agent attorneys or agents or agen	. EXAMINER ART U	NIT C	LASS-SUBCLASS			
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Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual Corporation or other private group entity Gove 4b. Payment of Fee(s):  Issue Fee  Address indication form registered patent attorneys or agents. If no name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent) and the names of up to 2 registered attorney or agent).	ge of correspondence address or indication of "Fee Address" (37	2. For printing on	the patent front page, li	st		
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Publication Fee (No small entity discount permitted)  Payment by credit card. Form PTO-2038 is attached.				nount of the fee(s) is enclosed.		
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5. Change in Entity Status (from status indicated above)	• • •					
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).						
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified abov NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other interest as shown by the records of the United States Patent and Trademark Office.	ector of the USPTO is requested to apply the Issue Fee and Publication Fee (if required) will not be accepte as shown by the records of the United States Patent and Trademark	ation Fee (if any) or to ed from anyone other to k Office.	re-apply any previousl han the applicant; a regi	y paid issue fee to the applica stered attorney or agent; or t	ation identified above. he assignee or other party in	
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, prepart submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to commend this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commend Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents. P.O. Bo	ection of information is required by 37 CFR 1.311. The informatic cation. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR ng the completed application form to the USPTO. Time will vary a nad/or suggestions for reducing this burden, should be sent to the Alexandria Virginia 22313.1450 DO NOT SEND FUES OF	on is required to obtain 1.14. This collection when the chief Information (COMPLETED FORM	n or retain a benefit by t is estimated to take 12 r individual case. Any co Officer, U.S. Patent and	he public which is to file (an minutes to complete, including mments on the amount of ti Trademark Office, U.S. Dep	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O.	

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09/576,652	05/22/2000	Frank A. Hagen	PD-200029	3276
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THE DIRECTV GROUP INC		DEAN, RAYMOND S		
PATENT DOCKET ADMINISTRATION RE/R11/A109 P O BOX 956			ART UNIT	PAPER NUMBER
EL SEGUNDO, CA 90245-0956			2684	
			DATE MAILED: 02/08/200	5

# Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.